

PATENT APPLICATION
42P12399**Amendments to the Claims**

1. (currently amended) A memory device comprising:
an integrated circuit die including a memory array and having a first surface; and

~~a charge pump circuit having a passive component of a charge pump circuit,~~ wherein the passive component is mounted overlying the first surface of the integrated circuit die and electrically coupled to the integrated circuit die, the charge pump circuit to provide a programming voltage potential to the memory array.
2. (Original) The memory device of claim 1, wherein the passive component is mounted to the integrated circuit die with an epoxy material.
3. (Original) The memory device of claim 2, wherein the epoxy material between the passive component and the integrated circuit die is less than about 0.050 millimeters in thickness.
4. (Original) The memory device of claim 1, wherein the passive component is mounted to the integrated circuit die with a conductive material.
5. (Original) The memory device of claim 1, wherein the passive component includes a capacitor or an inductor.

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6. (Original) The memory device of claim 1, further comprising:
a substrate, wherein the integrated circuit die is mounted to the substrate.

7. (Original) The memory device of claim 6, wherein the integrated circuit
is mounted to the substrate with a non-conductive material.

8. (Original) The memory device of claim 6, further comprising a first wire
bond electrically coupling at least a portion of the integrated circuit to the
substrate.

9. (Original) The memory device of claim 8, further comprising a second
wire bond electrically coupling at least a portion of the passive component to the
substrate.

10. (Original) The memory device of claim 8, further comprising a second
wire bond electrically coupling at least a portion of the passive component to the
integrated circuit die.

11. (Original) The memory device of claim 1, wherein the integrated circuit
die includes a flash memory array.

Claim 12 (cancelled)

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13. (currently amended) A method comprising:

forming a substrate;

mounting an integrated circuit die on said substrate;

mounting ~~at least a portion of a charge pump circuit~~ having a passive component of a charge pump circuit, the passive component mounted overlying the substrate; and

electrically coupling the passive component to at least a portion of the integrated circuit die.

14. (Original) The method of claim 13, further comprising adhesively attaching the passive component to the integrated circuit die.

15. (Original) The method of claim 14, further comprising adhesively attaching the passive component to the integrated circuit die with a non-conductive adhesive.

16. (Original) The method of claim 13 including wire bonding the passive component to the substrate.

17. (Original) The method of claim 13 including wire bonding the passive component to the integrated circuit die.

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18. (previously amended) A method comprising:

molding an integrated circuit die and at least one passive component of a charge pump circuit into a package, the integrated circuit die including a non-volatile memory array, the charge pump circuit to provide a voltage potential to alter a state of a cell of the non-volatile memory array.

19. (Original) The method of claim 18, further comprising mounting the at least one passive component to the integrated circuit die.

20. (Original) The method of claim 18, further comprising forming a wire bond to electrically couple the at least one passive component and the integrated circuit.